



# Hunters Point Radiological Program Update

Hunters Point Naval Shipyard  
BCT Meeting  
September 22, 2011



# Overview



## Radiological Project Work Overview

- SS/SD Removal and Building Survey Update
  - Crisp Road
  - Parcel C
  - Parcel E 500-Series
  - Parcel D-1
- Parcel B & G Update
- Parcel UC-1 & UC-1 Update
- IR 7/18 Dose Modeling Update



# 2011 Radiological Projects





## Crisp Rd/Parcel E



- **Awaiting Free Release letters**
  - Building 414 – CDPH confirmation survey on June 8
- **Awaiting CDPH confirmation sample request**
  - Building 701 site – Final FSS submitted July 19
- Building 810- Free Release letter received on September 14
- Building 704 Site –Draft RTCs and FSS in RASO review
- IR-04 Scrap Yard – Draft FSS in RASO review
- Building 707 Triangle – Work will continue with 500 Series project
- UC-3 RACR
  - Draft anticipated to be submitted October 14, 2011



## Parcel C Storm Drain & Sewer Removals



- SS/SD line removal commenced in Parcel C on January 4th
  - Excavated soil and pipe removal through September 16, 2011:
    - 14,061 linear feet of SS/SD lines removed
    - 25,749 cubic yards excavated
    - 21 Survey Units currently being surveyed and sampled
    - 2 Survey Units have been restored



## Parcel C Building Surveys



- Building Final Status Surveys (FSSs)
  - Draft FSS for Buildings 214 and 271 submitted in August
    - Awaiting regulatory comments
  - Completed Survey of Building 203, 241, and 272
    - Drafting FSS report
  - North Pier Draft TSP under RASO Review
  - Demolition of Building 234 completed August 18<sup>th</sup>
    - Non-impacted building on the North Pier



# Parcel C & Interior E Buildings/Sites Status

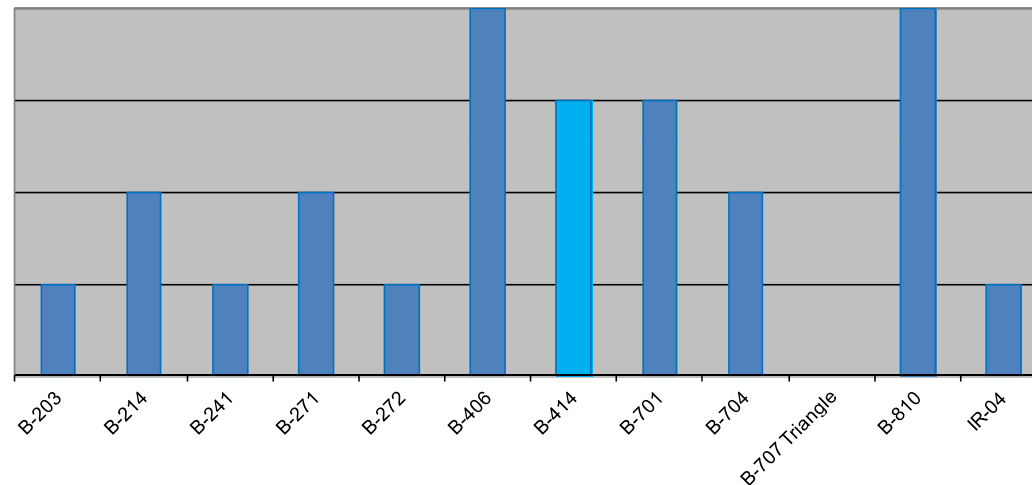


Free-Released

Final

Draft

Internal Draft  
(Data under review)



Waiting for concurrence for  
Free-Release determination



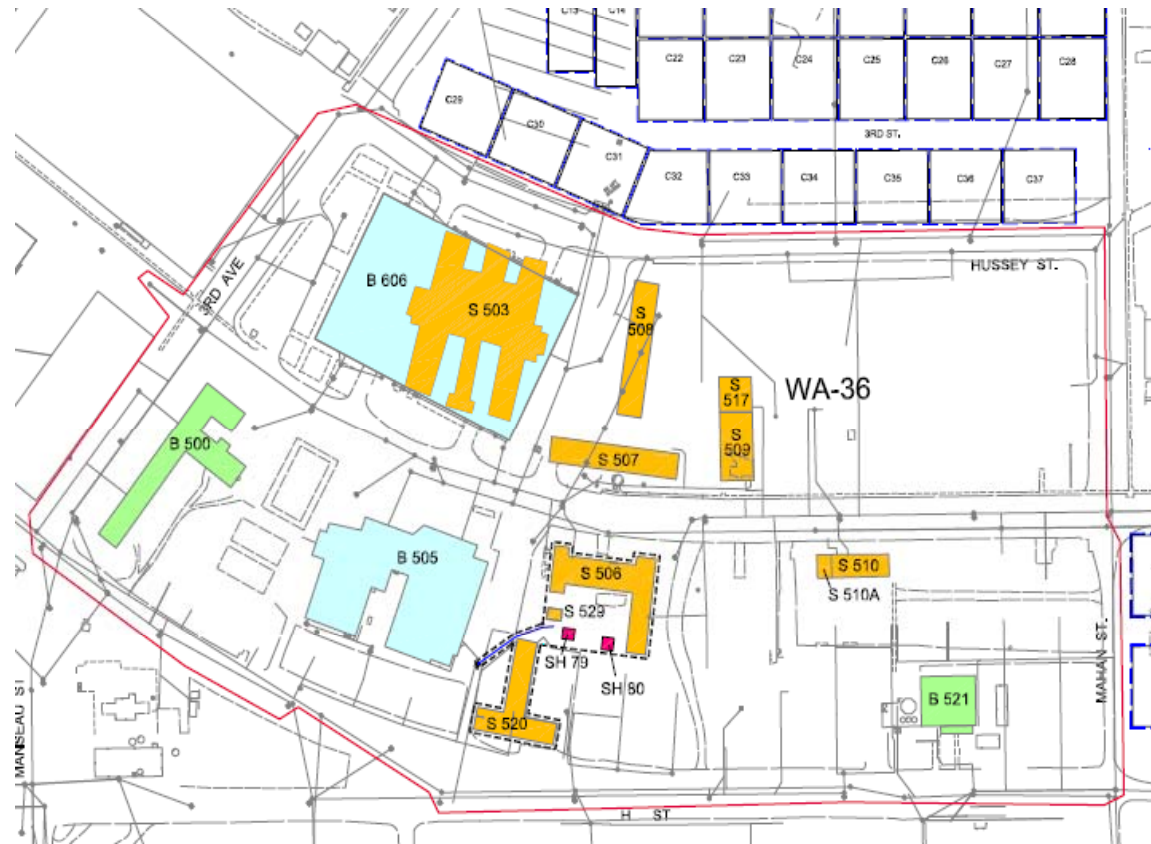




# Impacted Building and Sites Within Parcel E 500 Series Area



- LEGEND**
- WORK AREA BOUNDARY (WA-36)
  - - - - - RADIOACTIVE MATERIAL AREA
  - STORM DRAIN ONE
  - NON-IMPACTED BUILDINGS
  - IMPACTED BUILDINGS
  - IMPACTED BUILDING SITES
  - IMPACTED SHACK SITES
  - POST 2, 3 AND 4 SCREENING PADS







## Parcel E 500 Series Building / Site Surveys



- RASO approved Final TSP for Former Building Sites: 503, 507, 508, 509, 510/510A, and 517
- Building 500 and Building 506 Site TSP under RASO review
- Drafting TSPs for Buildings 520, 521 and 529
- Field Work
  - Site preparation activities continue
  - Continue survey of Building 503 site soil
    - A total of 4,200 cubic yards out of the 7,400 cubic yards of material have been surveyed and staged.
  - Soil with debris associated with building sites 506 and 520
    - Screened 3,820 cubic yards of soil and debris material to be surveyed separately
  - Completed surveying of Former Building 509 and 517
    - Data under review with RASO
  - Continued performing material and equipment surveys in Building 521



## Parcel E 500 Series Storm Drain & Sewer Removals

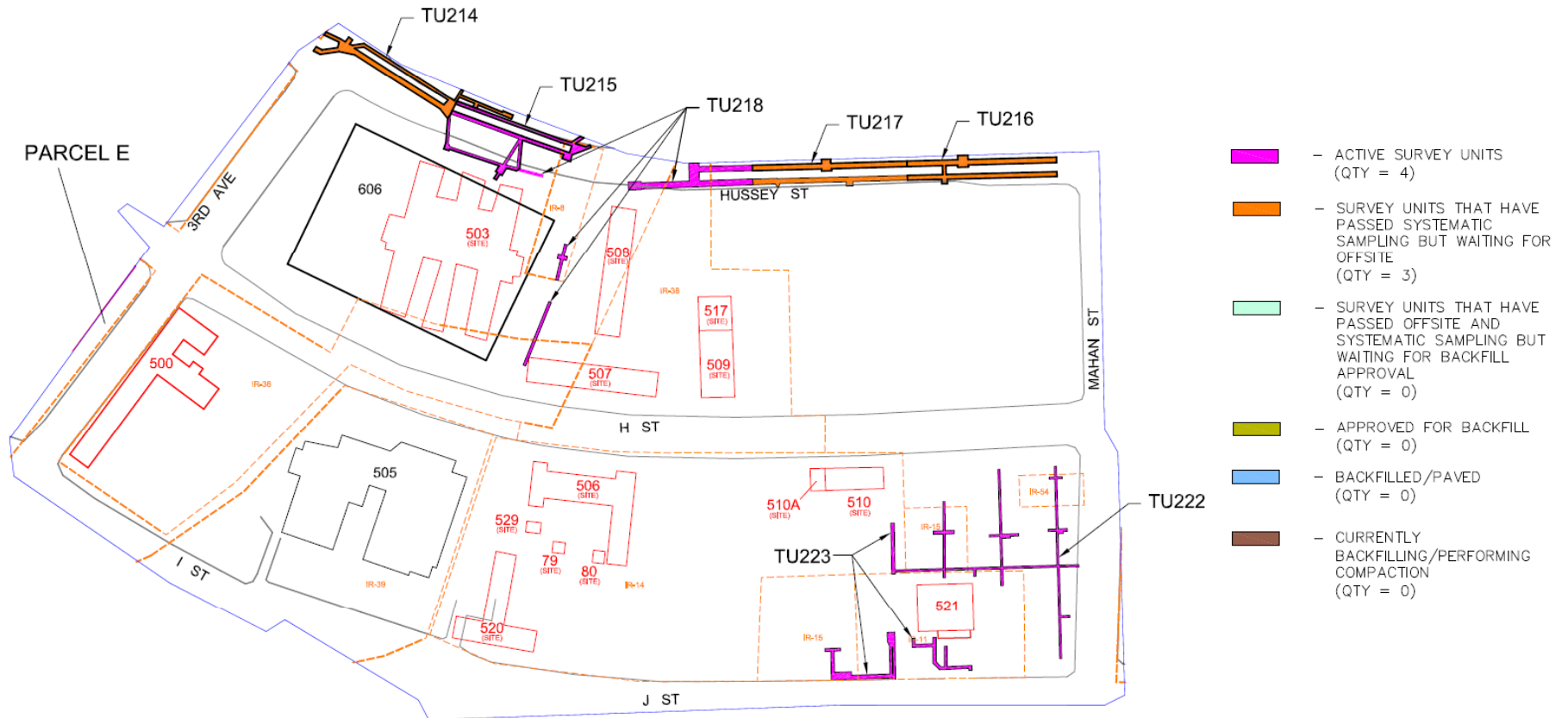


- SS/SD line removal commenced in Parcel E 500 Series on July 12nd
  - Excavated soil and pipe removal through September 16, 2011:
    - 8,083 linear feet of SS/SD lines removed
    - 12,705 cubic yards excavated
    - 7 Survey Units currently being surveyed and sampled



# Parcel E

## Storm Drain & Sewer Removals





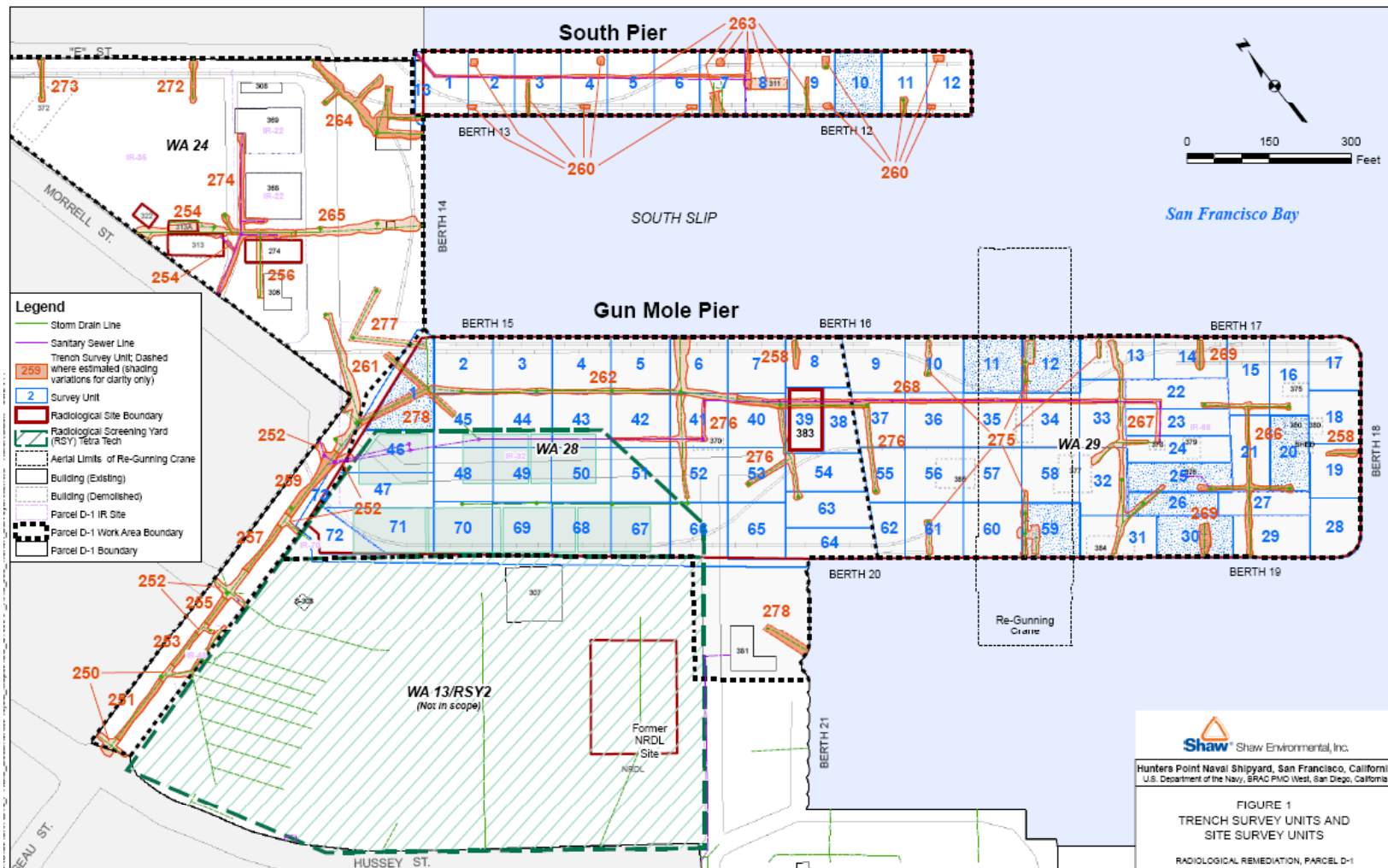
## Parcel D-1 Current Field Work Status



- Gun Mole Pier
  - Remediating cesium impacted SUs
  - Developing plan for survey of concrete foundations and other concrete structures
  - Remove remaining Rad impacted asphalt from Gun Mole Pier ~146,000 square ft in the RSY 2 footprint
- Building 313,313A & 322 sites
  - Elevated levels of Cesium 137 and Radium 226 above action limits
  - Remediation of SU 1, 2 and 3 complete
  - Remediation of SU 4 in progress
- Storm Drain and Sanitary Sewer Removal
  - 85% complete (10,300 lineal ft)
  - 15 % remaining primarily in the RSY 2 footprint (1,800 lin. ft)
  - Submitted 13 internal draft SUPRs and received backfill approval on 3



# Parcel D-1 Overview





## Status of Parcels B & G



- All Parcel B Building Surveys Complete
  - Building 140 Discharge Channel – CDPH performed Confirmation Survey on April 13
  - Final Building 140 Tech Memo and RTC's submitted July 20; requesting release for unrestricted use
  - Received comments on the Draft SUPR for SU-186 on September 1
  - Draft Parcel B RACR to be submitted in October
- Preparing response to regulatory comments on Draft Parcel G RACR
  - SU-204 was backfilled Aug 10<sup>th</sup>, Draft SUPR under development
  - SU-204 will be incorporated into the Parcel G Final RACR



## Status of Parcels UC-1/UC-2



- Final UC-1/UC-2 Radiological RACR
  - Received letter from DTSC and CDPH-EMB supporting the radiological unrestricted release of Parcels UC-1 and UC-2 on September 14.
  - Navy to coordinate with CDPH to conduct walk over of site
    - RA work to begin in spring 2012





# IR07/18 Modeling Update



- The 2<sup>nd</sup> version of the Draft Radiological Risk and Dose Modeling for Sites IR-7 and IR-18 is under Agency review
  - Submitted to Agencies on September 12, 2011



Comments, Questions, Concerns ???